



HERMON LABORATORIES

Test specification: Section 15.258(c)(3), Out of band radiated emissions above 40 GHz up to 370 GHz	
Test procedure: ANSI C63.10, Sections 9.9, 9.12	
Test mode: Compliance	Verdict: PASS
Date(s): 04-Jan-21	
Temperature: 22 °C	Air Pressure: 1014 hPa
Relative Humidity: 48 %	Power: 5 VDC
Remarks:	

Plot 7.5.6 Spurious emission measurements in 90 - 100 GHz range

TEST SITE:

OATS

TEST DISTANCE:

0.10 m

MODULATION:

CW

ANTENNA POLARIZATION:

Vertical and Horizontal

DETECTOR: Peak RBW = 1 MHz; VBW = 3 MHz

DETECTOR: Peak RBW = 1 MHz; VBW = 1 MHz

Low carrier frequency:



Mid carrier frequency:



121000 MHz



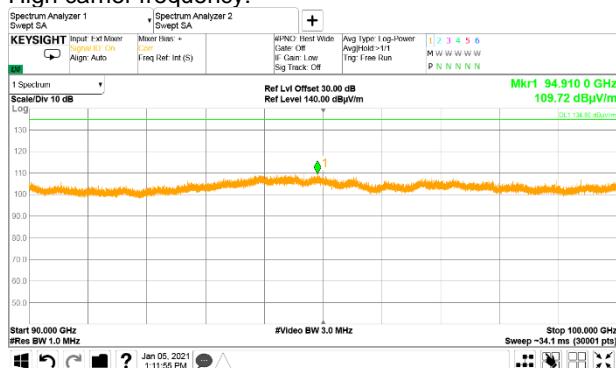


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Report ID: NETRAD_FCC.41599_Rev2
Date of Issue: 8-Apr-21

Test specification:	Section 15.258(c)(3), Out of band radiated emissions above 40 GHz up to 370 GHz
Test procedure:	ANSI C63.10, Sections 9.9, 9.12
Test mode:	Compliance
Date(s):	04-Jan-21
Temperature: 22 °C	Relative Humidity: 48 %
Air Pressure: 1014 hPa	Power: 5 VDC
Remarks:	

High carrier frequency:



122980 MHz





HERMON LABORATORIES

Test specification: Section 15.258(c)(3), Out of band radiated emissions above 40 GHz up to 370 GHz				
Test procedure: ANSI C63.10, Sections 9.9, 9.12				
Test mode: Compliance				
Date(s): 04-Jan-21			Verdict: PASS	
Temperature: 22 °C	Relative Humidity: 48 %	Air Pressure: 1014 hPa	Power: 5 VDC	
Remarks:				

Plot 7.5.7 Spurious emission measurements in 100 - 110 GHz range

TEST SITE:

OATS

TEST DISTANCE:

0.10 m

MODULATION:

CW

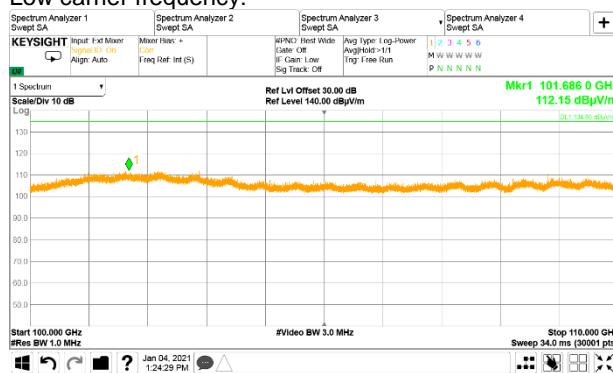
ANTENNA POLARIZATION:

Vertical and Horizontal

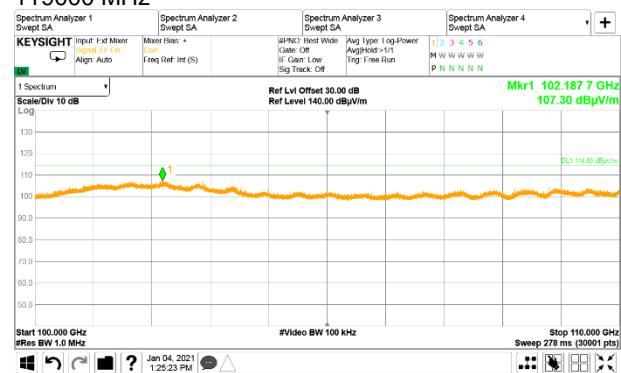
DETECTOR: Peak RBW = 1 MHz; VBW = 3 MHz

DETECTOR: Peak RBW = 1 MHz; VBW = 100 kHz

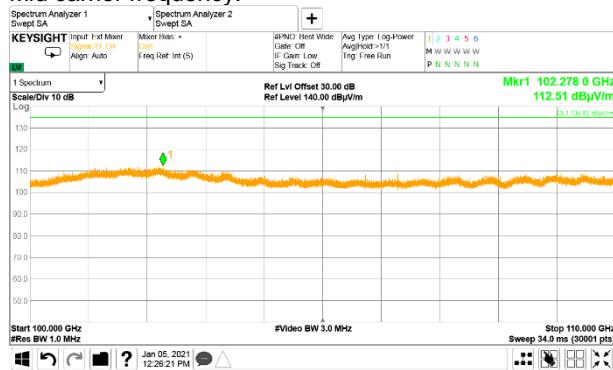
Low carrier frequency:



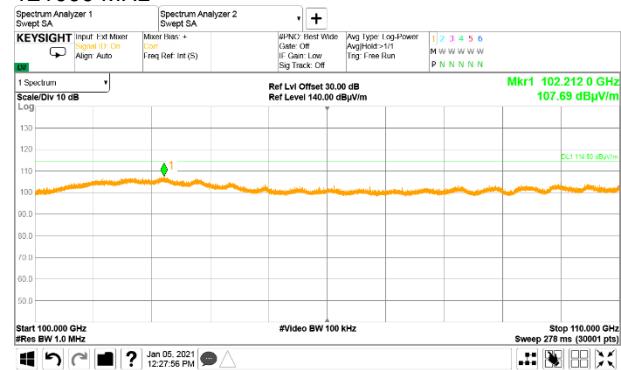
119000 MHz



Mid carrier frequency:



121000 MHz



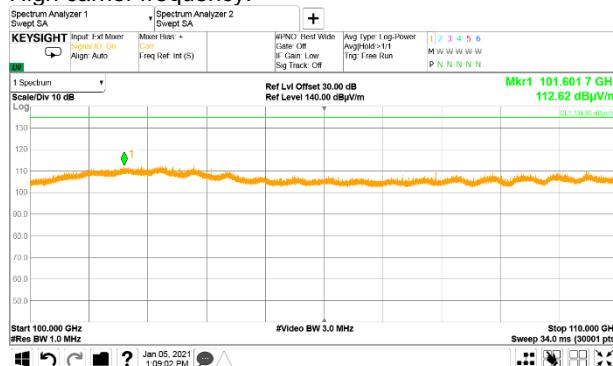


HERMON LABORATORIES

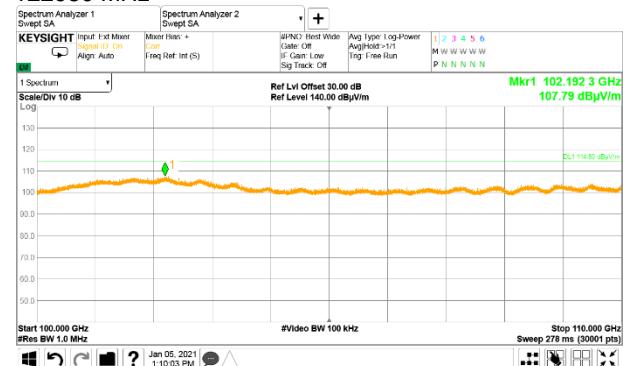
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Test procedure: ANSI C63.10, Sections 9.9, 9.12	
Test mode: Compliance	Verdict: PASS
Date(s): 04-Jan-21	
Temperature: 22 °C	Air Pressure: 1014 hPa
Relative Humidity: 48 %	Power: 5 VDC
Remarks:	

High carrier frequency:



122980 MHz





HERMON LABORATORIES

Test specification: Section 15.258(c)(3), Out of band radiated emissions above 40 GHz up to 370 GHz				
Test procedure: ANSI C63.10, Sections 9.9, 9.12				
Test mode: Compliance			Verdict: PASS	
Date(s): 04-Jan-21				
Temperature: 22 °C	Relative Humidity: 48 %	Air Pressure: 1014 hPa	Power: 5 VDC	
Remarks:				

Plot 7.5.8 Spurious emission measurements in 110 - 116 GHz range**TEST SITE:**

OATS

TEST DISTANCE:

0.10 m

MODULATION:

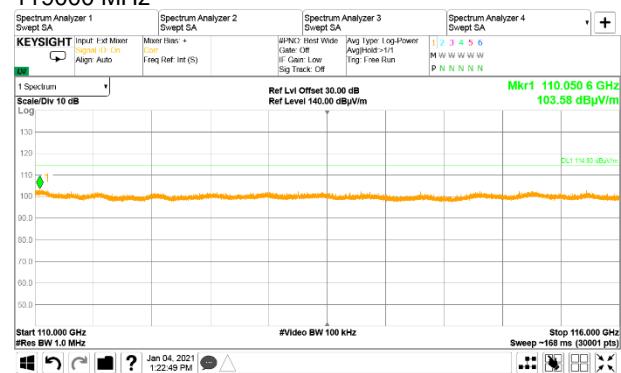
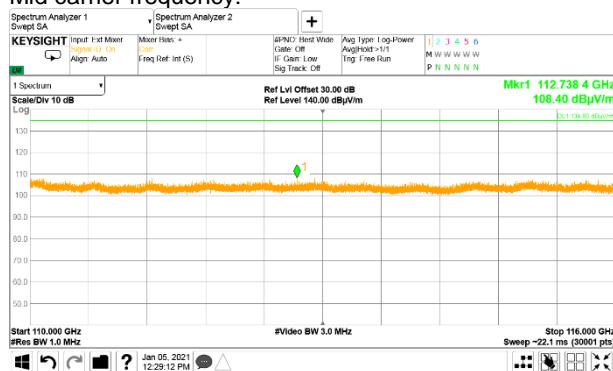
CW

ANTENNA POLARIZATION:

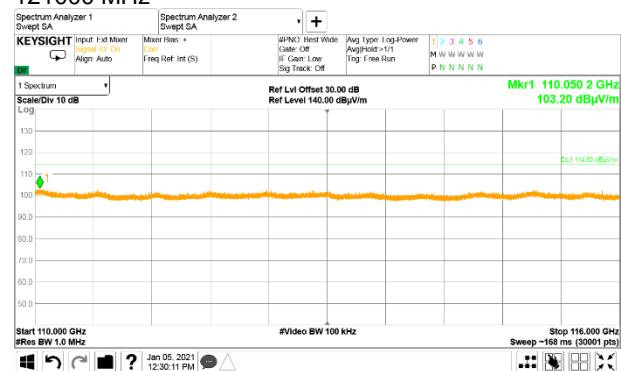
Vertical and Horizontal

DETECTOR: Peak RBW = 1 MHz; VBW = 3 MHz**DETECTOR:** Peak RBW = 1 MHz; VBW = 100 kHz**Low carrier frequency:**

119000 MHz

**Mid carrier frequency:**

121000 MHz



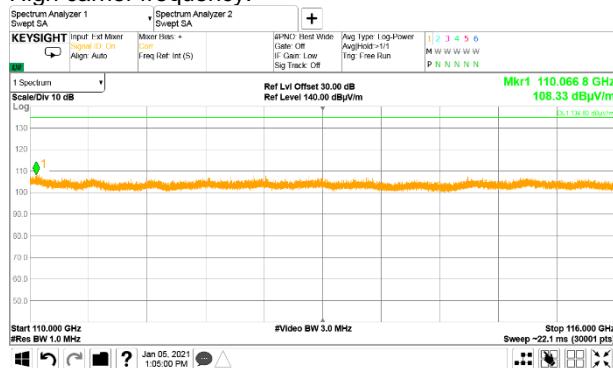


HERMON LABORATORIES

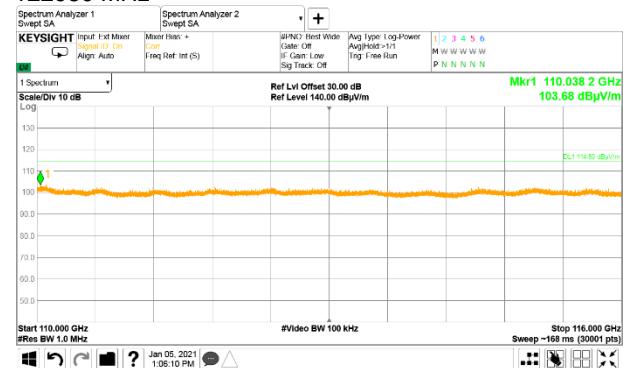
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Test procedure: ANSI C63.10, Sections 9.9, 9.12			
Test mode: Compliance			Verdict: PASS
Date(s): 04-Jan-21			
Temperature: 22 °C	Relative Humidity: 48 %	Air Pressure: 1014 hPa	Power: 5 VDC
Remarks:			

High carrier frequency:



122980 MHz





HERMON LABORATORIES

Test specification: Section 15.258(c)(3), Out of band radiated emissions above 40 GHz up to 370 GHz				
Test procedure: ANSI C63.10, Sections 9.9, 9.12				
Test mode: Compliance			Verdict: PASS	
Date(s): 04-Jan-21				
Temperature: 22 °C	Relative Humidity: 48 %	Air Pressure: 1014 hPa	Power: 5 VDC	
Remarks:				

Plot 7.5.9 Spurious emission measurements in 123 - 130 GHz range**TEST SITE:**

OATS

TEST DISTANCE:

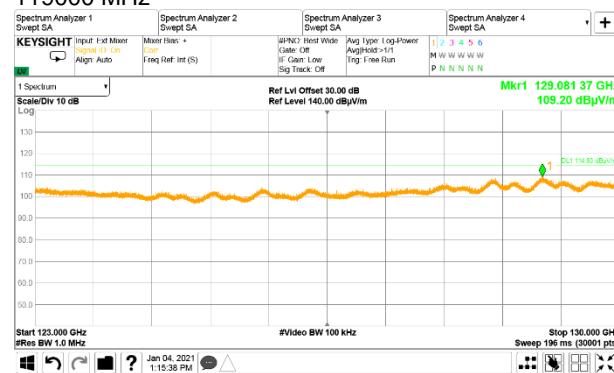
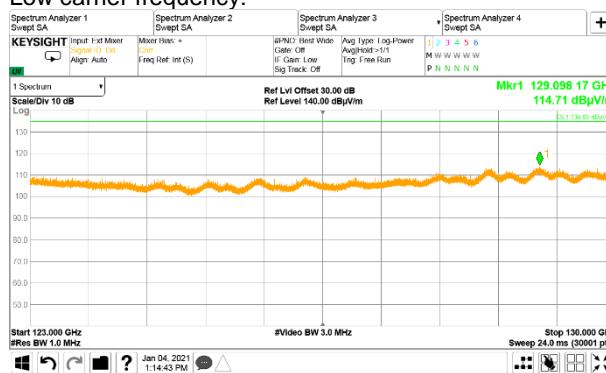
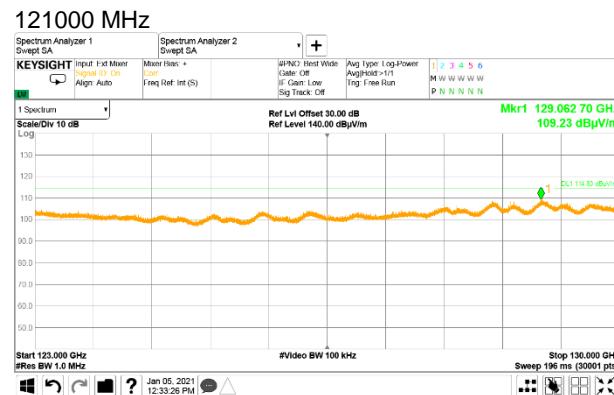
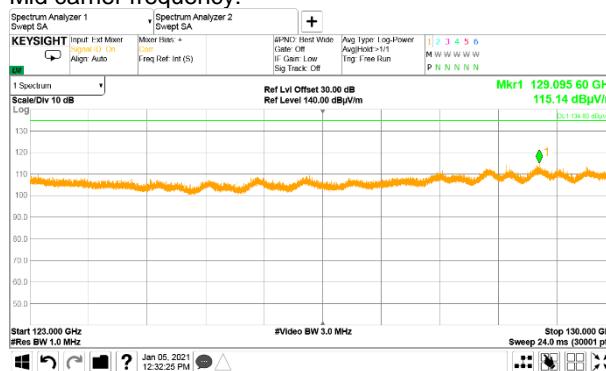
0.10 m

MODULATION:

CW

ANTENNA POLARIZATION:

Vertical and Horizontal

DETECTOR: Peak RBW = 1 MHz; VBW = 3 MHz**DETECTOR:** Peak RBW = 1 MHz; VBW = 100 kHz**Low carrier frequency:****Mid carrier frequency:**



HERMON LABORATORIES

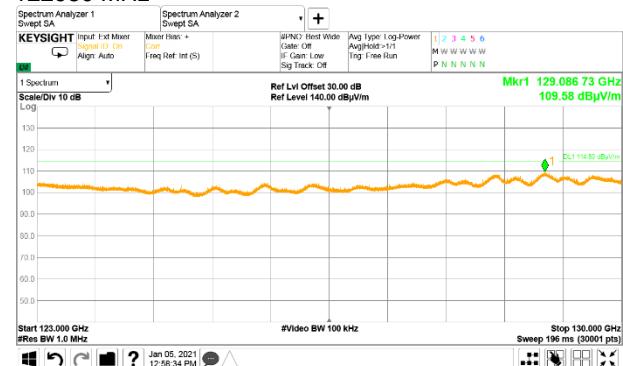
Report ID: NETRAD_FCC.41599_Rev2
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Test specification: Section 15.258(c)(3), Out of band radiated emissions above 40 GHz up to 370 GHz			
Test procedure: ANSI C63.10, Sections 9.9, 9.12			
Test mode: Compliance			Verdict: PASS
Date(s): 04-Jan-21			
Temperature: 22 °C	Relative Humidity: 48 %	Air Pressure: 1014 hPa	Power: 5 VDC
Remarks:			

High carrier frequency:



122980 MHz





HERMON LABORATORIES

Test specification: Section 15.258(c)(3), Out of band radiated emissions above 40 GHz up to 370 GHz				
Test procedure: ANSI C63.10, Sections 9.9, 9.12				
Test mode: Compliance			Verdict: PASS	
Date(s): 04-Jan-21				
Temperature: 22 °C	Relative Humidity: 48 %	Air Pressure: 1014 hPa	Power: 5 VDC	
Remarks:				

Plot 7.5.10 Spurious emission measurements in 130 - 140 GHz range

TEST SITE:

OATS

TEST DISTANCE:

0.10 m

MODULATION:

CW

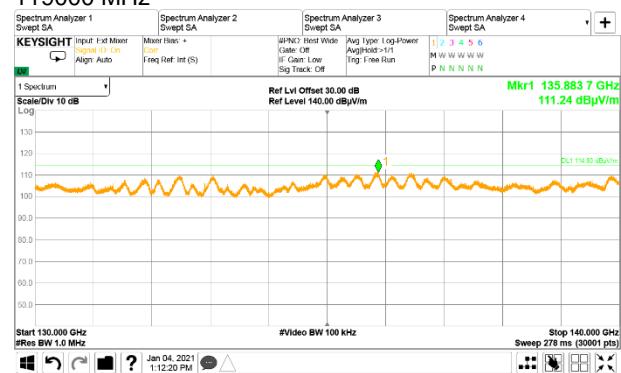
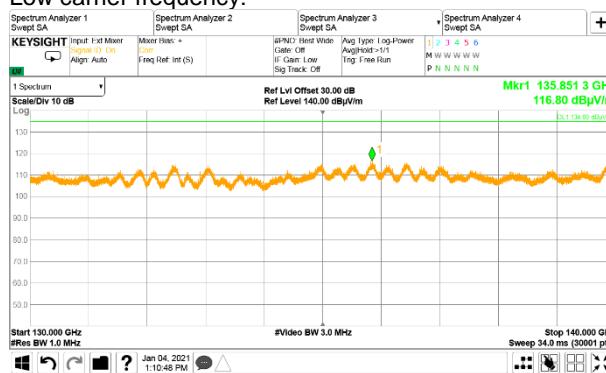
ANTENNA POLARIZATION:

Vertical and Horizontal

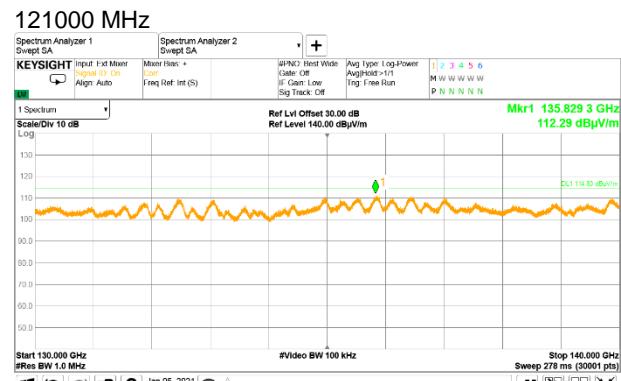
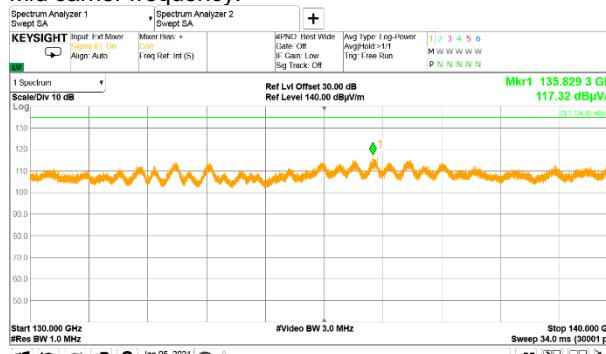
DETECTOR: Peak RBW = 1 MHz; VBW = 3 MHz

DETECTOR: Peak RBW = 1 MHz; VBW = 100 kHz

Low carrier frequency:



Mid carrier frequency:



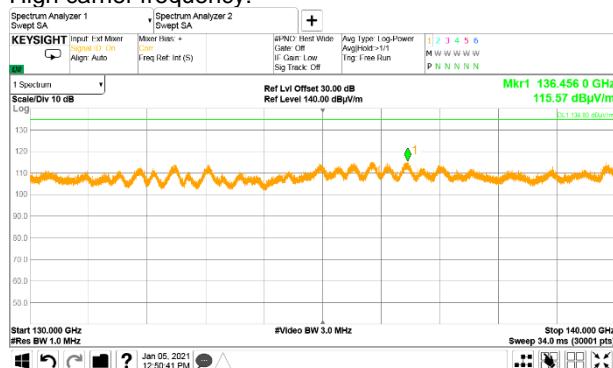


HERMON LABORATORIES

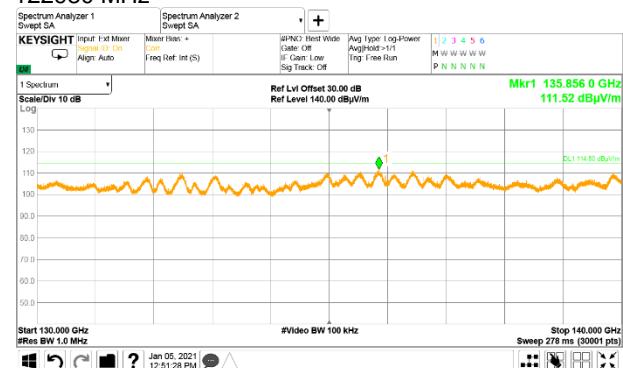
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Test procedure: ANSI C63.10, Sections 9.9, 9.12			
Test mode: Compliance			Verdict: PASS
Date(s): 04-Jan-21			
Temperature: 22 °C	Relative Humidity: 48 %	Air Pressure: 1014 hPa	Power: 5 VDC
Remarks:			

High carrier frequency:



122980 MHz





HERMON LABORATORIES

Test specification: Section 15.258(c)(3), Out of band radiated emissions above 40 GHz up to 370 GHz			
Test procedure: ANSI C63.10, Sections 9.9, 9.12			
Test mode: Compliance			
Date(s): 04-Jan-21			Verdict: PASS
Temperature: 22 °C	Relative Humidity: 48 %	Air Pressure: 1014 hPa	Power: 5 VDC
Remarks:			

Plot 7.5.11 Spurious emission measurements in 140 - 145 GHz range**TEST SITE:**

OATS

TEST DISTANCE:

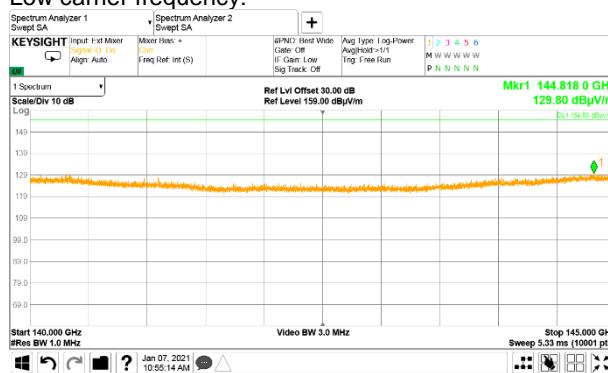
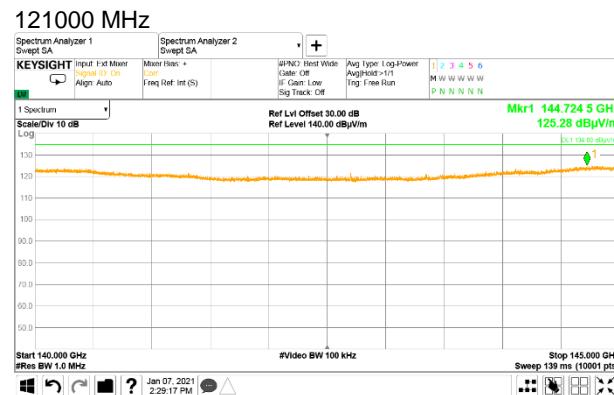
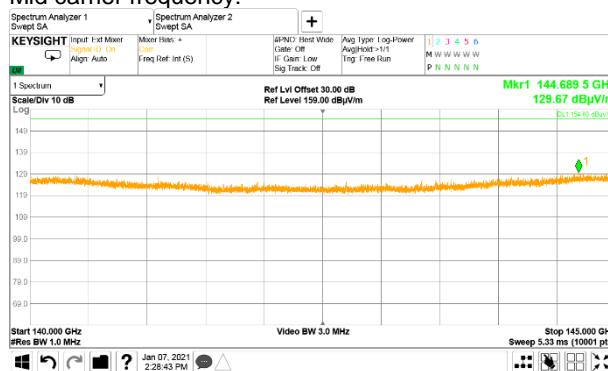
0.01 m

MODULATION:

CW

ANTENNA POLARIZATION:

Vertical and Horizontal

DETECTOR: Peak RBW = 1 MHz; VBW = 3 MHz**DETECTOR:** Peak RBW = 1 MHz; VBW = 100 kHz**Low carrier frequency:****Mid carrier frequency:**

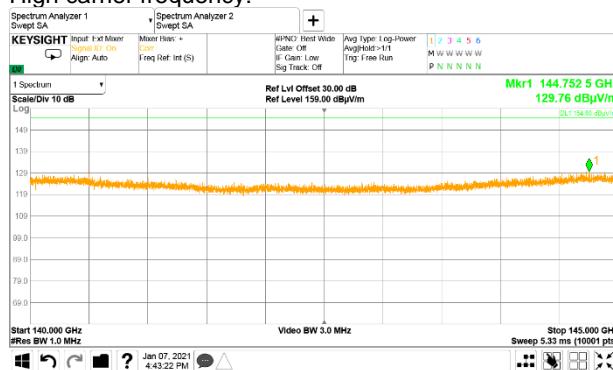


HERMON LABORATORIES

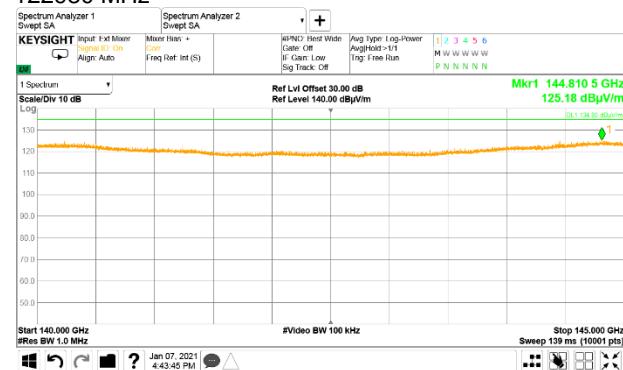
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Test specification: Section 15.258(c)(3), Out of band radiated emissions above 40 GHz up to 370 GHz	
Test procedure:	ANSI C63.10, Sections 9.9, 9.12
Test mode:	Compliance
Date(s):	04-Jan-21
Temperature: 22 °C	Relative Humidity: 48 %
Air Pressure: 1014 hPa	Power: 5 VDC
Remarks:	

High carrier frequency:



122980 MHz



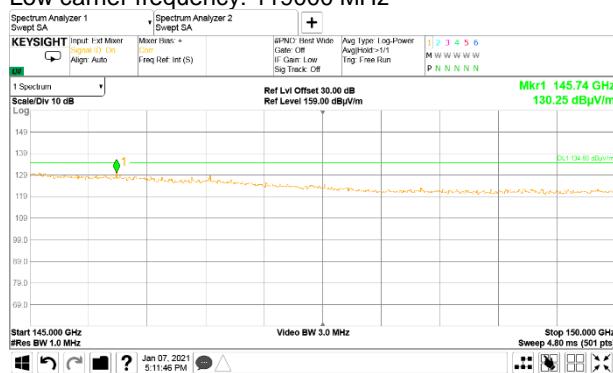


HERMON LABORATORIES

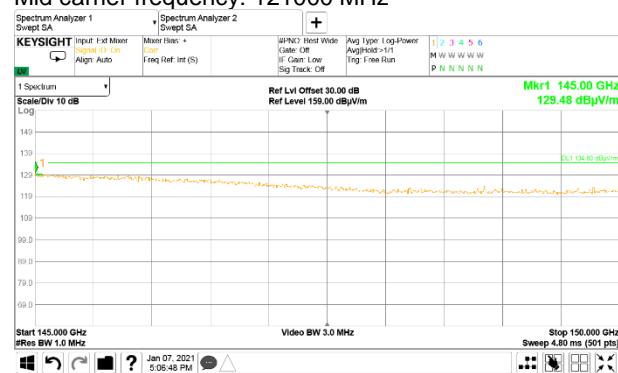
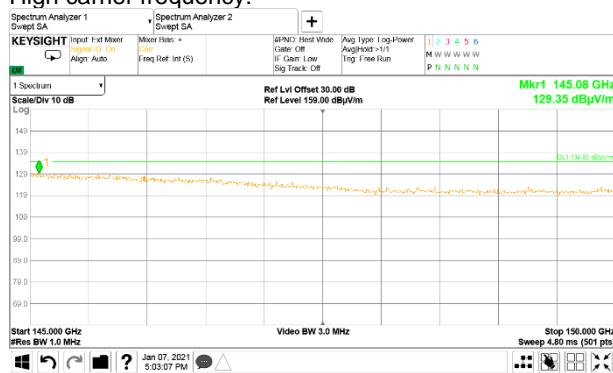
Test specification: Section 15.258(c)(3), Out of band radiated emissions above 40 GHz up to 370 GHz	
Test procedure: ANSI C63.10, Sections 9.9, 9.12	
Test mode: Compliance	Verdict: PASS
Date(s): 04-Jan-21	
Temperature: 22 °C	Relative Humidity: 48 %
Air Pressure: 1014 hPa	Power: 5 VDC
Remarks:	

Plot 7.5.12 Spurious emission measurements in 145 - 150 GHz range

TEST SITE:
TEST DISTANCE:
MODULATION:
ANTENNA POLARIZATION:
DETECTOR: Peak
Low carrier frequency: 119000 MHz



OATS
0.01 m
CW
Vertical and Horizontal
RBW = 1 MHz; VBW = 3 MHz
Mid carrier frequency: 121000 MHz

**High carrier frequency:****122980 MHz**



HERMON LABORATORIES

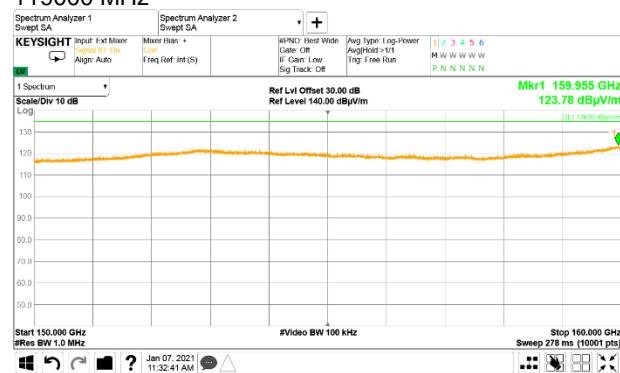
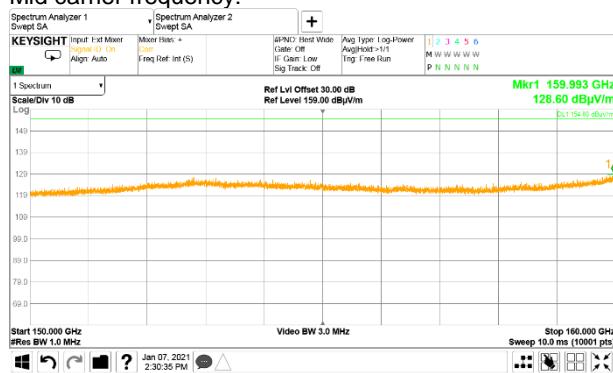
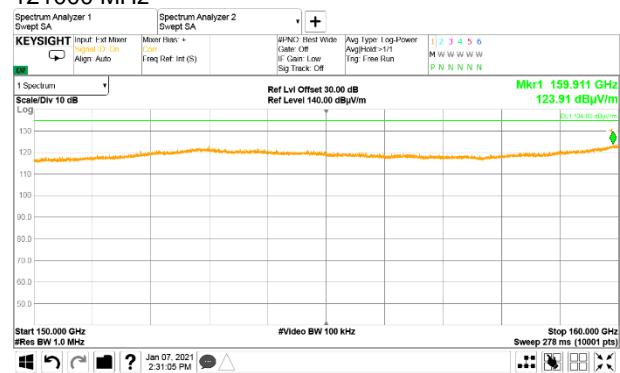
Test specification: Section 15.258(c)(3), Out of band radiated emissions above 40 GHz up to 370 GHz				
Test procedure: ANSI C63.10, Sections 9.9, 9.12				
Test mode: Compliance			Verdict: PASS	
Date(s): 04-Jan-21				
Temperature: 22 °C	Relative Humidity: 48 %	Air Pressure: 1014 hPa	Power: 5 VDC	
Remarks:				

Plot 7.5.13 Spurious emission measurements in 150 - 160 GHz range**TEST SITE:****TEST DISTANCE:****MODULATION:****ANTENNA POLARIZATION:****DETECTOR:** Peak RBW = 1 MHz; VBW = 3 MHz**Low carrier frequency:****OATS**

0.01 m

CW

Vertical and Horizontal

DETECTOR: Peak RBW = 1 MHz; VBW = 100 kHz**119000 MHz****Mid carrier frequency:****121000 MHz**

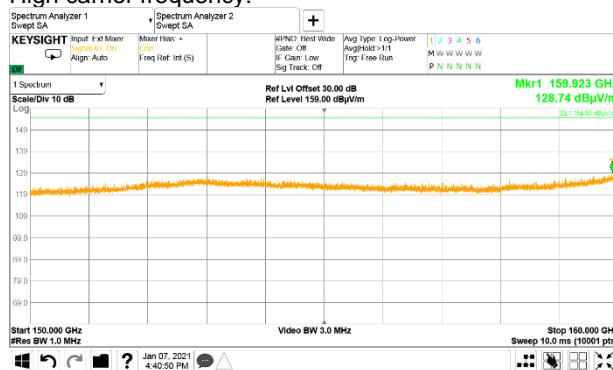


HERMON LABORATORIES

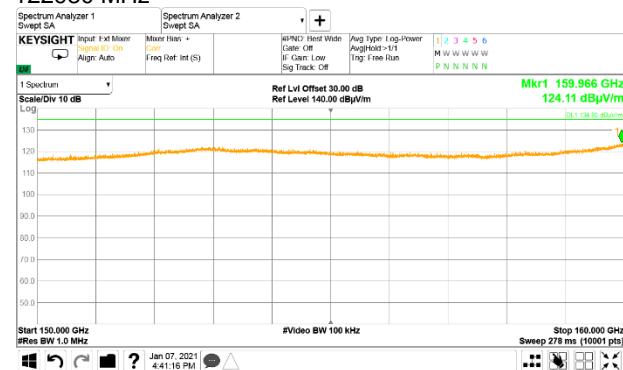
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Test procedure: ANSI C63.10, Sections 9.9, 9.12			
Test mode: Compliance			Verdict: PASS
Date(s): 04-Jan-21			
Temperature: 22 °C	Relative Humidity: 48 %	Air Pressure: 1014 hPa	Power: 5 VDC
Remarks:			

High carrier frequency:



122980 MHz





HERMON LABORATORIES

Test specification: Section 15.258(c)(3), Out of band radiated emissions above 40 GHz up to 370 GHz				
Test procedure: ANSI C63.10, Sections 9.9, 9.12				
Test mode: Compliance			Verdict: PASS	
Date(s): 04-Jan-21				
Temperature: 22 °C	Relative Humidity: 48 %	Air Pressure: 1014 hPa	Power: 5 VDC	
Remarks:				

Plot 7.5.14 Spurious emission measurements in 160 - 170 GHz range

TEST SITE:

OATS

TEST DISTANCE:

0.01 m

MODULATION:

CW

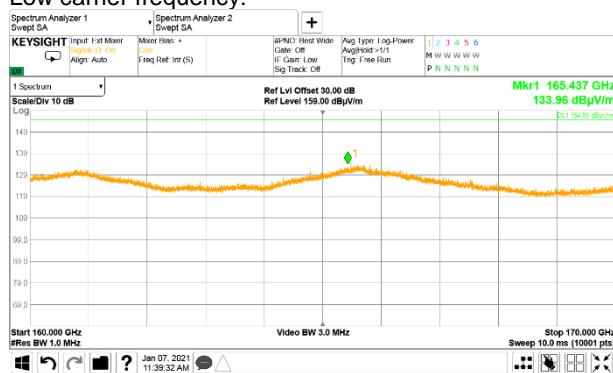
ANTENNA POLARIZATION:

Vertical and Horizontal

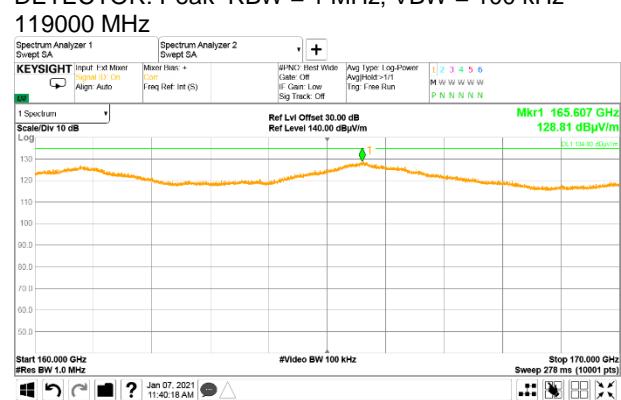
DETECTOR: Peak RBW = 1 MHz; VBW = 3 MHz

DETECTOR: Peak RBW = 1 MHz; VBW = 100 kHz

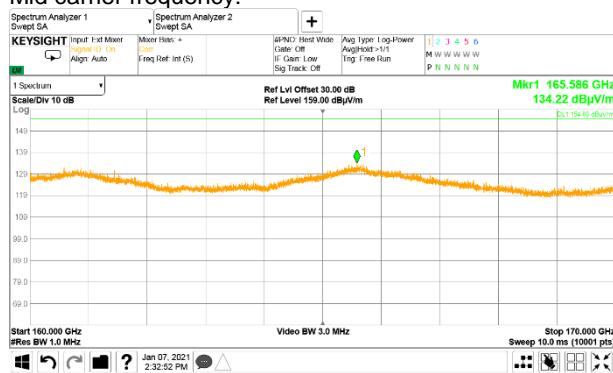
Low carrier frequency:



119000 MHz



Mid carrier frequency:



121000 MHz



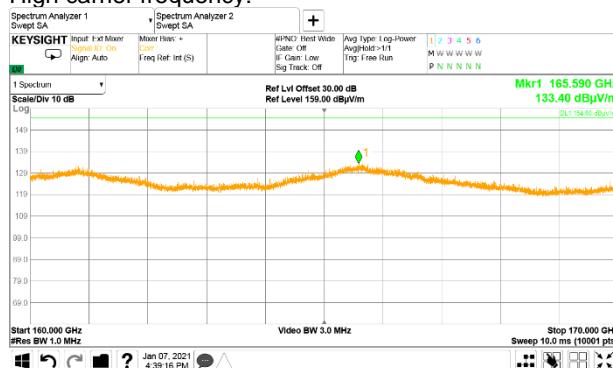


HERMON LABORATORIES

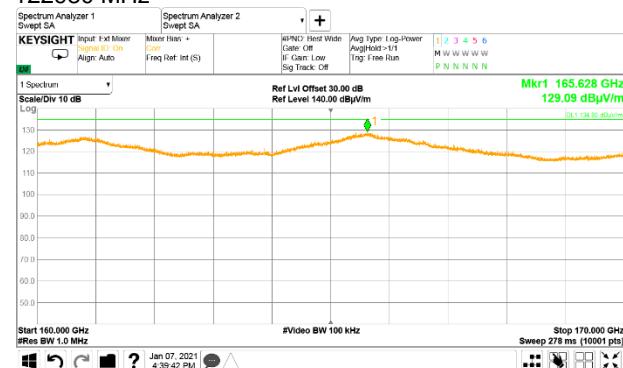
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Test procedure:	ANSI C63.10, Sections 9.9, 9.12		
Test mode:	Compliance		
Date(s):	04-Jan-21		
Temperature: 22 °C	Relative Humidity: 48 %	Air Pressure: 1014 hPa	Power: 5 VDC
Remarks:			

High carrier frequency:



122980 MHz





HERMON LABORATORIES

Test specification: Section 15.258(c)(3), Out of band radiated emissions above 40 GHz up to 370 GHz			
Test procedure: ANSI C63.10, Sections 9.9, 9.12			
Test mode: Compliance			
Date(s): 04-Jan-21			Verdict: PASS
Temperature: 22 °C	Relative Humidity: 48 %	Air Pressure: 1014 hPa	Power: 5 VDC
Remarks:			

Plot 7.5.15 Spurious emission measurements in 170 - 180 GHz range

TEST SITE:

OATS

TEST DISTANCE:

0.01 m

MODULATION:

CW

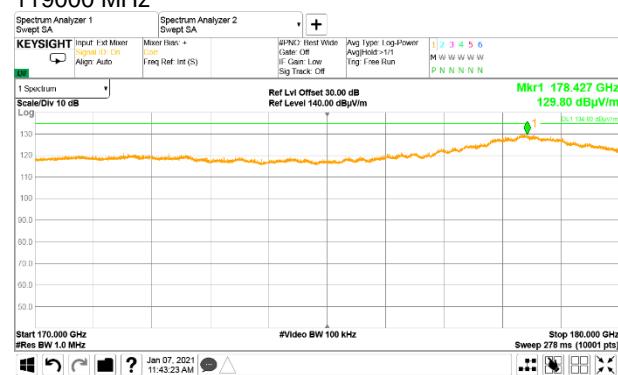
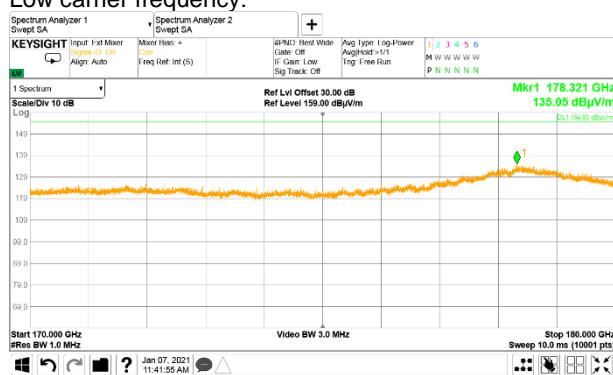
ANTENNA POLARIZATION:

Vertical and Horizontal

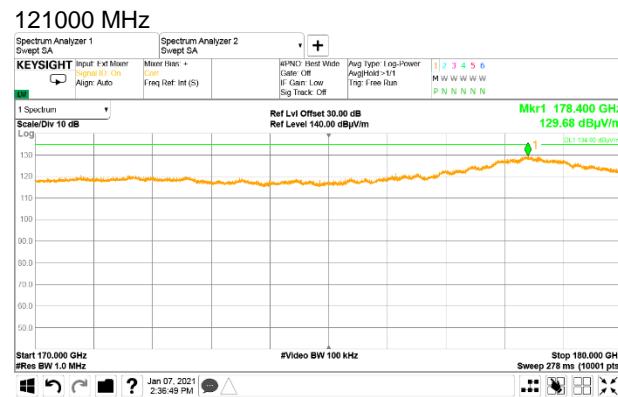
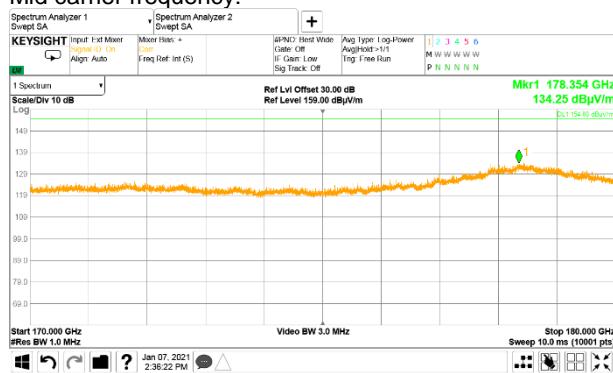
DETECTOR: Peak RBW = 1 MHz; VBW = 3 MHz

DETECTOR: Peak RBW = 1 MHz; VBW = 100 kHz

Low carrier frequency:



Mid carrier frequency:



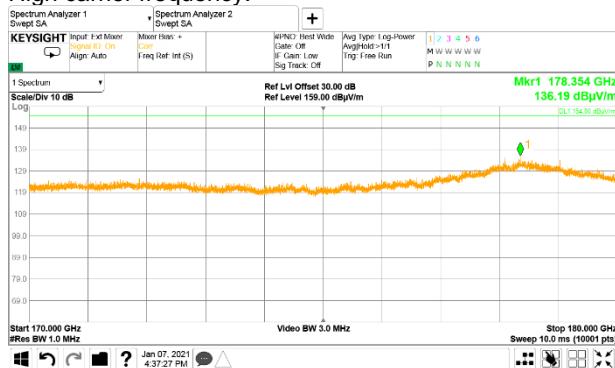


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Test mode:	Compliance
Date(s):	04-Jan-21
Temperature: 22 °C	Relative Humidity: 48 %
	Air Pressure: 1014 hPa
	Power: 5 VDC
Remarks:	

High carrier frequency:



122980 MHz

